

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of: |) | |
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| Jack T. JOHANSEN |) | |
| |) | |
| Application No.: Unassigned |) | Group Art Unit: Unassigned |
| |) | |
| Filed: September 21, 2004 |) | Examiner: Unassigned |
| |) | |
| For: PURIFICATION METHODS FOR |) | |
| OLIGONUCLEOTIDES AND THEIR |) | |
| ANALOGS |) | |

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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed within three months of the date of entry of the national stage in an international application.

Applicant respectfully requests that the Examiner consider the listed document and evidence that consideration by making appropriate notations on the attached form.


An International Search Report citing the listed documents and setting forth the relevance thereof is also enclosed for Examiner's consideration.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed document is material or constitutes "prior art." If it should be determined that the listed document does not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed document, should the document be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP


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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449

Attorney Docket No.
056258-5075

Serial No.
Unassigned

10/508799

Applicants
Jack T. JOHANSEN

Filing Date
September 21, 2004

Group
Unassigned

U.S. PATENT DOCUMENTS

| *Examiner Initial | Document Number | Date | Name | Class | Sub Class | Filing Date |
|-------------------|-----------------|-----------------|--------------|-------|-----------|-------------|
| | 2001/014650 | August 16, 2001 | Smith et al. | | | |
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FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Sub Class | Translation | |
|--|-----------------|--------------------|---------|-------|-----------|-------------|----|
| | | | | | | YES | NO |
| | WO0138516 | May 31, 2001 | WIPO | | | | |
| | WO0166718 | September 13, 2001 | WIPO | | | | |
| | WO9527718 | October 19, 1995 | WIPO | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | LU T et al "Combined pH gradient and anion-exchange high-performance liquid chromatographic separation of oligodeoxyribonucleotides." JOURNAL OF CHROMATOGRAPHY. A. NETHERLANDS Dec. 02, 1994, vol. 686, no 2. |
| | ASTERIADIS G T et al. "SEPARATION OF OLIGO NUCLEOTIDES NUCLEOTIDES AND NUCLEOSIDES ON COLUMNS OF POLY STYRENE ANION EXCHANGERS WITH SOLVENT SYSTEMS CONTAINING ETHANOL " ANALYTICAL BIOCHEMISTRY, VOL. 70, No.1, 1976 pp. 64-74. |

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.